

KAPALKOV, Pavel Nikolayevich; SMIRNOV, Aleksandr Vasil'yevich, zasl. deyatel' nauki prof.; SHRAYBER, Mark Grigor'yevich; Prinimali uchastiye: ASOSKOVA, S.M.; IL'INSKAYA, O.V.; REFIN, Yu.M.; SHAFER, I.I.; SHMUKLER, B.A.; EL'BERG, G.A.; RUSANOV, A.A., red.; LEBEDEVA, Z.V., tekhn.red.

[Surgical diseases] Khirurgicheskie bolezni. Pod red. A.V.Smirnova. Leningrad, Nedgiz, 1961. 571 p. (MIRA 15:12)  
(SURGERY, OPERATIVE)

REPIN, Yu. M., Leningrad, Lyubashinskiy pr., d. 18, kv. 9

Thoracoabdominal combined approach in resections of the liver.  
Grud. khir. 4 no.1:95-98 Ja-F '62. (MIRA 15:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki Leningradskogo sani-  
tarno-gigienicheskogo meditsinskogo instituta (zav. - prof.  
P. N. Napalkov)

(LIVER-SURGERY)

REPIN, Yu. M.

~~Ob Ustoichivosti Reshenii Uravnenii  
v Zapazdyvayushchim Argumentom. Ju  
M. Repin. Prikl. Mat. i Mekh., Mar.  
Apr., 1967, pp. 253-261. In Russian.  
Study of the stability of solutions for  
equations with lagging argument.~~

16

*Spnud  
mt*

BRIN, V. A. (Vardulovsk)

Stability of solutions for equations with a retarding argument. Prikl. mat. i mekh. 21 no. 2:253-261. Tr. na (Differential equations) (USSR Math. J.) 1957. (Zentralblatt für Mathematik 10:8)

LEFIM, Yu. M.

"Change in External Respiration and the Gas Composition of the Blood After Intrathoracic Operations." Cand Med Sci, First Leningrad Medical Inst, Leningrad, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

REPIN, Yu.M.; UGLOV, F.G., professor, direktor.

Arteriovenous aneurysm of the internal carotid artery which caused esophageal varicosis. Vest.khir. 73 n° 3:59-60 My-Je '53. (MLRA 6:6)

1. Gospital'naya khirurgicheskaya klinika pervogo Leningradskogo meditsinskogo instituta imeni akademika I.P.Pavlova.  
(Aneurysms) (Carotid artery) (Varix)

REPIN, Yu.M.

Surgical correction of aneurysms of the left subclavian and vertebral arteries with a thoracocervical approach. Vest. khir. 81 no.11:117-118 N '58. (MIRA 12:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. P.N. Napalkov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta. Adres avtora: Leningrad, ul. Kurakina, d. 1/3, fakul'tetskaya khirurgicheskaya klinika.  
(ANEURYSMS) (CHEST--SURGERY)

NAPALKOV, P.N., prof.; REPIN, Yu.M., kand. med. nauk; ASOSKOVA, S.M., kand. med. nauk

Treatment of heart wounds. Vest. khir. 82 no.5:118-122 My '59. (MIRA 12:7)  
(HEART--WOUNDS AND INJURIES)

26169

S/044/61/000/006/007/019  
C111/C222

16.3400

AUTHOR:

Repin, Yu.M.

TITLE:

On conditions for the stability of linear systems of differential equations for arbitrary dead times

PERIODICAL: Referativnyy zhurnal. Matematika, no.6, 1961, 36, abstract 6B 172. (Uch.zap.Ural'skogo un-ta, 1960, vyp.23, no.2, 34-41)

TEXT:

The author considers the system of differential equations

$$\frac{dx(t)}{dt} = Ax(t) + Bx(t-\tau), \quad (1)$$

where A,B are constant matrices,  $\tau$  -- constant dead time. With the aid of the step-by-step method the solution of the system (1) determined by an initial vector function  $\varphi(t)$  is reduced to the successive solution of a difference equation in the linear space of the continuous functions given on the interval  $[0, \tau]$

$$y_{n+1}(t) = Ty_n(t), \quad n = 0, 1, 2, \dots, y_0 = \varphi(t), \quad (2)$$

where T is a linear operator:

Card 1/3

On conditions for the stability...

26169  
S/044/61/000/006/007/019  
C111/C222

$$Ty(t) = e^{At} \left[ y(\tau) + \int_0^t e^{-As} By(s) ds \right].$$

It is shown that  $T$  is completely continuous. Therefore its spectrum consists of a countable number of eigenvalues  $\{\lambda_i\}_{i=1}^{\infty}$  and the zero which is the single accumulation point of the eigenvalues. If  $|\lambda_i| > 1$  for any  $i$  then not all solutions of (2) can tend to zero. But if  $|\lambda_i| < 1$  for all  $i=1, 2, 3, \dots$ , then  $\|y_n\| \rightarrow 0$  for  $n \rightarrow \infty$  for arbitrary initial conditions. On this base, after an investigation of the eigenvalues of the operator  $T$ , the author states that for a given  $\tau$  the system (1) is asymptotically stable then and only then if all zeros of the determinant of the matrix

$$\bullet \begin{pmatrix} \tau(A + \frac{B}{\lambda}) \\ -\lambda E \end{pmatrix}$$

( $E$  -- unit matrix) are  $< 1$  with respect to the value. Furthermore the

Card 2/3

On conditions for the stability...

26169  
S/044/61/000/006/007/019  
C111/C222

author proves the theorem: In order that the system (1) is asymptotically stable together with all sufficiently neighboring systems for all dead times it is necessary and sufficient that the following two conditions are satisfied: 1) the real parts of the eigenvalues of the matrix  $A$  must be negative; 2) the amounts of the eigenvalues of the matrix  $(A+i\mu E)^{-1}B$  must be smaller than one for all real  $\mu$ . An example is given.

[Abstracter's note: Complete translation.]

Card 3/3

REPININA, A.

Taking into consideration the lessons of the past season. Mias.ind.  
SSSR 35 no.1:26-29 '64. (MIRA 17:4)

1. Moskovskiy sel'skiy oblastnoy komitet Kommunisticheskoy  
partii Sovetskogo Soyuza.

REPINA, A., inzh.; SHAINSKIY, G., inzh.

New production techniques and equipment of small packing houses.  
Mias, ind. SSSR. 30 no.4:18-19 '59. (MIRA 12:12)

1. Mosoblsovnarkhoz (for Repina).  
(Moscow Province--Packing houses--Equipment and supplies)

REPINA, A.I.

Immediate and late results of conservative treatment in gastro-  
duodenal hemorrhages of ulcerative etiology. Khirurgiia no.10:  
27-30 '61. (MIRA 14:10)

1. Iz Nauchno-issledovatel'skogo instituta skoroy pomoshchi imeni  
Yu.Yu. Dzhanelidze (nauchnyy rukovoditel' - zasluzhennyy deyatel'  
nauki prof. M.O. Lisitsyn).

(PEPTIC ULCER) (HEMORRHAGE)

REFINA, E.V.

"Acoustical Analysis of a Hall," in book Questions of Sound Isolation (Proofing),  
and Architectural Acoustics, State Publishing Office for Literature on Construction,  
Architecte and Construction Material, Moscow, 1959.

Yevliyev, A.I.; ABDULIAYEV, K.M.; REPINA, F.B.

State of medullary hemopoiesis in hemolytic anemias in children  
according to data of puncture and trepanobicpsy. Azerb. med.  
zhur. 42 no.9:7-15 S '65. (MIRA 18:11)

1. Iz 2-y kliniki starshego detskogo vozrasta (zav. - dotsent  
M.Ya. Studenikin) patomorfologicheskoy laboratori (zav. - prof.  
I.S. Dergachev) Instituta pediatrii AMN SSSR (dir. - dotsent  
M.Ya. Studenikin). Submitted September 3, 1964.

REBINA, M. I. (Rebina)

Renal rickets with an unusual course. Arzh. pat. № 5:  
74.74. '64 (NKA 18:1)

M. I. laboratoriya serochno-prediktivnoj patologii (zav. - enlen-  
tsev) Correspondent AMN SSSR prof. A.I. Strukov) Instituta merfologii  
Chelyabinsk AMN SSSR, Chelyabinsk.

REPINA, G.A. (Moskva)

Morphology of acute renal insufficiency. Arkh. pat. 27 no.1:35-40  
'65. (MIRA 18:4)

1. Institut morfologii cheloveka AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. A.P. Avtsyn) i kafedra patologicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR zasluzhennyj deyatel' nauki prof. A.I. Strukov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

LISHKEVICH, M.I., kand. biol. nauk; REPINA, G.S.

Chemical composition of sunflower seed hulls. Masl.-zhir. prom. 23  
no.8:9-12 '57. (MIRA 10:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.  
(Sunflower seed)

REPIKA, K.Ya.

New method of thread cutting for doffing following wet twisting  
of cord. Obm.tekh.opyt. [MLP] no.16:75 '56. (MIRA 11:11)  
(Spinning)

REF ID: A

USSR / Chemical Technology. Chemical Products and Their Application. Food Industry.

I-30

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10329  
Author : Surkov, V., Barkan, S., and Repina, L.  
Inst : Not given  
Title : Observation of the Structural Elements of Milk and of Some Dairy Products With the Electron Microscope.  
Orig Pub : Moloch. prom-st, 1955, No 4, 30-31  
  
Abstract : Specimens of milk, cream, and skimmed milk, as well as specimens of 5 types of cheeses have been investigated under the electron microscope with a magnification of 5,000 - 7,000 diameters. The dimensions of the globules of fat were found to be  $0.1\text{-}15\mu$ , the finer particles approaching most closely to a spherical shape. The protein particles investigated were found to have spherical shapes of diameters up to  $0.1\mu$  and were observed to occur both as isolated parti-

Card : 1/2

USSR / Chemical Technology. Chemical Products and Their Application. Food Industry.

I-30

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10329

Abstract : cheeses and as agglomerates. In milk of higher acidity, the protein particles were found to coalesce into grape-like clusters. Mature cheese was found to have a grainy structure; sections of unripened cheese were found to be devoid of grain structures. A method for the preparation of the specimens is described and 24 photomicrographs are included.

Card : 2/2

#### Respiratory Function

Dissertation: "The Introduction of Bacterial Leavens and Salts in a Prepared Cheese Paste for the Purpose of Accelerating and Standardizing the Process of Ripening."  
G. N. Tech. Sci., Moscow Technological Institute of the Meat and Dairy Industry, 17 Jun 54.  
(Vechernyaya Moskva, Moscow, 8 Jun 54.)

Mr. R. M. 318, 23 Dec 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014446

REF ID: A651444

MJ Structural elements of milk and some of the milk products in the visual field of electron microscope. V. Surkov, S. Barkan, and L. Repina (Technol. Inst. Meat Dairy Ind., Moscow). "Mlekovaya Prom." 16, No. 4, 30-1(1955). — Discussion with photomicrographs of the fat-globule and cheese structures. Vladimir N. Krukovsky —

GRIGOR'YEV, V.N.; REMPILA, L.E.

Stratigraphy of Cambrian deposits along the western edge of the  
Siberian Platform. Izv. AN SSSR, Ser. geol. 21 no.7:17-25 Jl '56.  
(MIRA 9:10)

1. Geologicheskiy institut Akademii nauk SSSR, Moscow.  
(Siberian Platform--Geology, Stratigraphic)

REPIN, L.N.; SEMIKHATOV, M.A.; KHOVENTOVSKIY, V.V.

Stratigraphy of Cambrian deposits in the western regions of Eastern Sayan. Dokl.AN SSSR 110 no.1:133-136 S-0 '56. (MLB 9:11)

1. Institut geologicheskikh nauk Akademii nauk SSSR. Predstavleno akademikom N.S.Shatskim.  
(Sayan Mountains--Geology, Stratigraphic)

REPININA, L.N.

Paleontologic data for determining the age of Cambrian deposits  
in the western part of the Eastern Sayan. Dokl. AN SSSR 110 no.  
2:269--272 S '56. (MLRA 9:12)

1. Predstavleno akademikom N.S. Shatskim.  
(Sayan Mountains--Geology, Stratigraphic)

AUTHOR: Repina, I.S., Khomentovskiy, V.V. SOV/5-58-4-23/43

TITLE: Basic Stratigraphical Problems of the Lower Cambrian Stage  
(*Osnovnyye voprosy stratigrafii nizhnego kembriya*)

PUBLICATIONAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,  
Otdel geologicheskiy, 1958, Nr 4, pp 149-150 (USSR)

RETRIEVAL: This is a summary of a report given by the authors at a conference of the Moscow Society of Naturalists on 29 April 1958. The authors consider and explain new data on the stratigraphy of the Lower Cambrian Stage in Siberia and America, and come to the conclusion that according to its importance, the Lower Cambrian Stage should be regarded as a separate system in future geological studies.

1. Geology    2. Geological time--Determination

Card 1/1

Bazaikha

Family: NEORADLICHIDAE Hupe, 1952

Author: Bazeikha, A.

Rev. 00-00000-00-4

genus: Sileneoloides S. Kuznetsova

new genus sp. nov. (Figures 1:10, 11)

Family: CHILOPODOPHAGIDAE Motsch., 1873

Genus (type): Putamia Lep. & Melikhinae Hupe, 1957

Genus (type): Kolpaulia gen. nov.

Family: PALAOLENIDAE Hupe, 1957

Genus (type): Resimopsis gen. nov.

Genus (type): R. marinica sp. nov. There is some relation be-

tween this genus and Palaeoplonus Mansuy.

Family: DENESIIDAE Kermontova, 1957

Genus (type): Paraerbia gen. nov.

Closest relation with Erbia Lerm. Genus (type): E. pusilla sp.

nov.

Family: INCERTAK Sred.

Genus: Municephala gen. nov.

Genus (type): M. pervulgaris sp. nov.

There are 1 figure and 6 references. 4 of which are cited.

The Trilobites of the Bazaikha Horizon

SOV/20-121-6-36/45

ASSOCIATION: Geologicheskiy institut Akademii nauk SSSR (Geological Institute, AS USSR)

PRESERVED: April 29, 1958, by N. S. Shatskiy, Member, Academy of Sciences, USSR

SUMMITTED: April 24, 1958

Card 3/3

3(0)

SOV/20-123-6-37/50

AUTHORS: Zhuravleva, I. T., Repina, L. N., Khomentovskiy, V. V.

TITLE: New Data Concerning the Stratigraphy of Lower Cambrian of the  
Mariinskaya Tayga (Novyye dannyye po stratigrafii nizhnego  
kembriya Mariinskoy taygi)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 6, pp 1092-1095  
(USSR)

ABSTRACT: By interpreting the profile at the middle part of the Kiya  
river, on which all the stratigraphic constructions of the  
Lower Cambrian of the northern Kuznetskiy Alatau are based,  
occur still several not fully solved problems: 1) The age of  
the limestones containing Archaeocyathen is very contradictory  
determined; 2) There is no agreement about the existence and  
the stratigraphical position of the limestone mass, which is  
characterized by alga of the Newlandia type (Refs 1,2). The  
geological structure of the above mentioned district is il-  
lustrated by figure 1. Here one can separate four natural  
sediment-complexes. The Archaeocyathen limestones, which are  
widespread here, are massive and give hardly essential facts  
for the determination of the inner structure. Therefore, the

Card 1/3

SOV/20-123-6-37/50

New Data Concerning the Stratigraphy of Lower Cambrian of the Mariinskaya  
Tayga

paleontological method becomes very important in this area. An idea of the full stratigraphical extent of these limestones could be gained by the construction of two actual profiles at the Kiya river. The authors separate five layers in these Archaeocyathen limestones (total thickness 2300 respectively 1300 m). These limestones comply with the Bazaikhskiy horizon of the Lena stage, according to the results. The upper part of the mentioned limestones belongs to the higher lying Sanashtykgol'skiy horizon, while the lowermost part and the platelike limestones belong to the Kameshkovskiy horizon. This fact complies (Ref 3) with the upper part of the Aldanskiy stage as well as with the Sinskiy, Tolbochanskiy, and one part of the Olekminskiy horizon of the Lena stage in the plateau. The under-lying black limestones and schists (at least 2000 m thick) are connected to the Archaeocyathen limestones by gradual transitions. Therefore, they can only be compared with the Aldanskiy stage of the Lower Cambrian. The finding of alga of the type Newlandia (determination by P. S. Krasnopyeyeva) cannot prove the pre-Cambrian age of the rocks containing them. The

Card 2/3

SOV/20-123-6-37/50

New Data Concerning the Stratigraphy of Lower Cambrian of the Mariinskaya  
Tayga

tuffogenic suite covers the uppermost strata of the Archaeocyathen limestones without an apparent discordance. Their age can be determined as the upper part of the Lena stage, although a part of it is possibly already encroaching on Middle Cambrian. Their age is not greater than Middle Cambrian. L. V. Alabin collected and delivered the Archaeocyathen. There are 1 figure and 6 Soviet references.

PRESENTED: April 29, 1958, by N. S. Shatskiy, Academician

SUBMITTED: April 24, 1958

Card 3/3

REPIN, L.N.; KHOMENTOVSKIY, V.V.

Stratigraphy of the lower Cambrian. Izv.vys.ucheb.zav.;  
geol.i razv. 2 no.10:3-19 O '59. (MIRA 13:6)

1. Institut geologicheskikh nauk AN SSSR.  
(Geology, Stratigraphic)

KHOMENTOVSKIY, Vsevolod Vladimirovich; SEMIKHATOV, Mikhail Aleksandrovich;  
REPINA, Lada Nikolayevna; SHATSKIY, N.S., akademik, glavnnyy red.;  
MENNER, V.V., zamestitel' glavnogo red.; KELLER, B.M., red.toma;  
VERSTAK, G.B., red.izd-va; KASHINA, P.S., tekhn.red.

[Areal geology of the U.S.S.R.] Regional'naya stratigrafia SSSR.  
Glav.red.N.S.Shatskii. Moskva. Vol.4. [Pre-Cambrian stratigraphy  
and lower Paleozoic sediments of the western part of the Eastern  
Sayan Mountains] Stratigrafiia dokembriiskikh i nizhnepaleozoiskikh  
otlozhenii zapadnoi chasti Vostochnogo Saiana. [Lower and middle  
Cambrian trilobite complexes in the western part of the Sayan  
Mountains] Kompleksy trilobitov nizhnego i srednego kembriia za-  
padnoi chasti Vostochnogo Saiana. 1960. 235 p. (MIRA 13:4)

1. Akademiya nauk SSSR. Geologicheskiy institut.  
(Sayan Mountains--Geology, Stratigraphic)  
(Sayan Mountains--Trilobites)

ZHURAVLEVA, I.T.; REPINA, L.N.; KHOMEINTOVSKIY, V.V.

Continuous carbonate section of the Lena stage of the lower Cambrian in the Altai-Sayan mountain country and its paleontological characteristics. Dokl.AN SSSR 132 no.5:1160-1162 Je '60.  
(MIRA 13:6)

1. Geologicheskiy institut Akademii nauk SSSR. Predstavлено  
академиком Н.С. Шатским.  
(Altai Mountains--Rocks, Carbonate)  
(Sayan Mountains--Rocks, Carbonate)  
(Paleontology, Stratigraphic)

REFINA, L.N.; KHOVENTOVSKIY, V.V.

Subdivision of the lower Cambrian. Izv. AN SSSR. Ser. geol. 26  
no.8:83-87 Ag '61. (MIRA 14:9)

1. Geologicheskiy institut AN SSSR, Moskva.  
(Siberian platform--Geology, Stratigraphic)

KHOVENTOVSKIY, V.V.; ZHURAVLEVA, I.T.; REFINA, L.N.; ROZANOV, A.Yu.

**APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444**  
Lower Cambrian in the Gornyy Altai. Izv. AN SSSR. Ser. geo. 27  
no.3:55-71 Mr '61. (MIRA 15:2)

1. Geologicheskiy institut AN SSSR, Moskva.  
(Altai Mountains--Geology, Stratigraphic)

REPINA, L.N.

Finds of olenellids in the Lena stage of the Bateni Ridge. Dokl.  
AN SSSR 136 no.4:935-937 F '61. (MIRA 14:1)

1. Geologicheskiy institut Akademii nauk SSSR. Predstavлено  
академиком N.S. Shatskim.  
(Bateni Ridge—Trilobites)

ZHURAVLEVA, I.T.; REPINA, L.N.

Comparing the lower Cambrian horizon of the Sayan-Altai area and the  
Siberian Platform. Dokl.AN SSSR 136 no.5:1183-1185 F '61.  
(MIRA 14:5)

1. Predstavleno akad. N.S.Shatskim.  
(Siberia--Geology, Stratigraphic)

ZHURAVLEVA, I.T.; REPINA, L.N.; KHOVENTOVSKIY, V.V.

Plan for dividing Lower Cambrian sediments in the Sayan-Altai folded region. Geol.i geofiz. no.1:21-41 '62. (MIRA 15:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Sayan Mountains--Geology, Stratigraphic)  
(Altai Mountains--Geology, Stratigraphic)  
(Folds (Geology))

REPINA, L.N.; KHOMENTOVSKIY, V.V.; ZHURAVLEVA, I.T.; ROZANOV, A.Yu.;  
SOKOLOV, B.S., otv. red.; VANIN, V.S., red.izd-va;  
IL'INA, N.S., red.izd-va; DOROKHINA, I.N., tekhn.red.

[Lower Cambrian biostratigraphy of the Sayan-Altai fold  
area] Biostratigrafiia nizhnego kembriia Saiano-Altaiskoi  
skladchatoi-oblasti. [By] L.N.Repina i dr. Moskva, Izd-vo  
"Nauka," 1964. 363 p. (MIRA 17:3)

ROZOVA, Antonina Viktorovna; REPINA, L.N., otv. red.

[Biostratigraphy and the description of Middle and Upper Cambrian Trilobita in the northwestern part of the Siberian Platform; description of the stratotypic cross section (Kulyumbe River)] Biostratigrafiia i opisanie trilobitov srednego i verkhnego kembriya severo-zapada Sibirs'koi platformy; opisanie stratotipicheskogo razreza (r. Kuliumbe). Moskva, Nauka, 1964. 147 p.

(MIRA 17:11)

MYAGKOV, V.A.; REPINA, L.P.

Studying the polycondensation process in the production of  
polyethylene terephthalate. Khim. volok. no.3:25-30 '63.  
(MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut steklyanogo  
volokna. (Polymerization) (Terephthalic acid)

KORINA, M.A.

Alkaline phosphatase activity in pregnanay. alkush. i gin. no.1  
(MIEA 17:6)  
107-410 '63.

Nauchno-issledovatel'skaya laboratoriya po klinicheskoye  
i radiologicheskoye diagnostike (zav. - prof. V.A.  
Petru-Nyrikov), Leningradskogo sanitarno-gigienicheskogo  
militarnogo instituta.

REPINNA, M.A.

State of the blood coagulation system in pregnancy and in labor.  
Vop.okh.mat.i det. 7 no.9:60-66 S '62. (MIRA 15:12)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. M.A.  
Petrov-Maslakov) Leningradskogo sanitarno-gigiyenicheskogo  
meditsinskogo instituta.  
(BLOOD--COAGULATION) (LABOR (OBSTETRICS)) (PREGNANCY)

REPINA, M. A., aspirant

Problem of afibrinogenemia during labor. Akush. i gin. no.2:  
44-49 '62. (MIRA 15:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. M. A. Petrov-Maslakov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(FIBRINOGEN) (LABOR, COMPLICATED)

PSHENICHNYY, Nikolay Nikolayevich; MARCHENKO, Liubov' Isakovna; REPINA,  
Mariya Ivanovna; BURDE, M.V., redaktor; POPRYADUKHIN, K.A.,  
tekhnicheskiy redaktor

[Descriptive geometry; lectures with practical instructions,  
problems and assignments for correspondence students] Nachertatel'-  
naia geometriia; lektsii s metodicheskimi ukazaniiami, zadachami i  
kontrol'nymi zadaniiami dlja studentov-zaochnikov. Pod obshchei red.  
N.N.Pshenichnogo. Moskva, Gos. izd-vo "Sovetskaja nauka," 1956.  
242 p.

(MLRA 10:1)

(Geometry, Descriptive)

REPTINA, M.M., zasluzhennyj vrach RSFSR

Treating the umbilical cord according to V.E.Rogovin's method.  
Akush. i gin. 33 no.6:83-85 N-D '57. (MIRA 11:7)

1. Glavnnyj vrach rodil'nogo doma No.12, Moskva.  
(UMBILICAL CORD  
ligation according to V.E.Rogovin's method)

ZEMAKIN, N. N., VOLDOV, Ya. N., PEPINA, M. M.

Cesarean Section

"Cesarean section in contemporary gynecology." Akush. i gin. no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED.

REPINA, M.M.,(Moskva)

Case reports on uterine rupture in pregnancy following cesarean  
section. Akush. i gin. no.6:61-62 N-D '55 (MLRA 9:6)

1. Iz rodil'nogo doma no.12 (glavnnyy vrach zasluzhennyy vrach  
RSFSR M.M. Repina)

(CESAREAN SECTION, compl.

rupt. of scar in subsequent pregn.)

(PREGNANCY, compl.

uterine rupt. after previous cesarean section)

(UTERUS, rupt.

in pregn., after previous cesarean section)

REPINA, M.M., zasluzhennyj vrach RSFSR

Two cases of pregnancy and labor following heart surgery.

Akush. i gin. 38 no.5:95-96 S-0 '62.

(MIRA 17:11)

1. Glavnnyj vrach Rodil'nogo doma No.12, Moskva.

TAKARLYKOVA, S., rabotnitsa.; REPINA, N.; ZHURBINA, S., korrespondent.;  
SHCHELOKOV, M., korrespondent

We owe it to our children. Rabotnitsa 36 no. 6:19 Je '58.  
(MIRA 11:8)

1. Reydovaya brigada zhurnala "Rabotnitsa" v Kazani. 2. Deputat  
Kazanskogo gorsoveta (for Takarlykova). 3. Glavnnyy inzhener  
shveynoy fabriki No. 9, deputat Kazanskogo gorsoveta (for Repina).  
(Tatar A.S.S.R.--Children's clothing)

REPINN, N., aspirantka

Fungus diseases of pine and birch seeds. Zashch. rast. ot vred.  
i bol. 10 no.12:51 '65. (MIRA 19:1)

1. Kazakhskiy institut zashchity rasteniy.

REPINA, O.; PAYEVSKIY, V.

Financial planning and mobilization of internal potentialities. Fin.  
SSSR 22 no.6:50-55 Je '61. (MIRA 14:6)  
(Finance) (Auditing)

L 8954-66 EWT(d)/FSS-2

ACC NR: AP5026495

SOURCE CODE: UR/0286/65/000/019/0026/0027

AUTHORS: Repina, O. I.; Tkachenko, A. D.; Samovol'kin, V. G.

ORG: none

TITLE: Duplex loudspeaker device. Class 21, No. 175087 [announced by Ministry of Defense SSSR (Organizatsiya ministerstva oborony SSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 26-27

TOPIC TAGS: communication equipment, voice communication

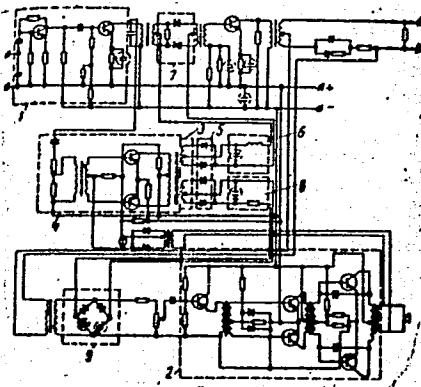
ABSTRACT: This Author Certificate presents a duplex loudspeaker device for two-wire voice-controlled communication. The device contains transmission and reception amplifiers and also differential systems. To regulate separately the reception amplifier cutoff time and the transmission amplifier opening time and to decrease the interaction between the input and output of the reception and transmission channels, the secondary coil at the output of the controlling amplifier is two half coils with series-connected full-wave rectifiers and filters (see Fig. 1). One of the filters is an LC circuit connected to the input of the controlling diode bridge of the transmission amplifier. The other is an RC circuit connected to the input of the second diode bridge controlling the reception amplifier.

Card 1/2

UDC: 621.395.664.1

L-8954-66

ACC NR: AP5026495



**Fig. 1.** 1 - Transmission amplifier;  
2 - reception amplifier;  
3 - secondary coil of two half  
coils; 4 - controlling amplifier;  
5 - full-wave rectifiers;  
6 - LC filter; 7 - controlling  
diode bridge; 8 - RC filter;  
9 - diode bridge.

Orig. art. has: 1 diagram.

SUB CODE: 09/ SUBM DATE: 14Feb64

BVK

Card 2/2

REPTINA, O. I., Cand. Tech Sci (diss) -- "Methods of improving the characteristics of a voice line for field telephone equipment". Mytishchi, 1959. 16 pp.  
(Central Sci Res Testing Inst of Communications) (KI, No 11, 1960, 134)

OLSF'YEV, N.G.; YEMEL'ANOVA, O.S.; UGLOVOY, G.P.; SIL'CHENKO, V.S.; KHOROSHEV, I.G.; YEZHOOVA, Ye.N.; BESSONNOVA, M.A.; VEDENEYEVA, Ye. V.; AREF'YEV, S.S.; SHEJANOVA, G.M.; SORINA, A.M.; BORODIN, V.P.; KOROLEVA, A.P.; SUVOROVA, A.Ye.; ONIKHIMOVSKAYA, V.A.; STOLYAROVA, A.D.; BYSTROVA, K.A.; REPINA, R.F.; MYASNIKOV, Yu.A.; LEVACHEVA, Z.A.; YEGIAZARYAN, K.K.; RAVDONIKAS, O.V.; SARMANEYV, A.P.

Optimal periods for testing skin reaction in subjects inoculated against tularemia with a dry live vaccine and vaccinal, reactogenic and immunogenic properties of this preparation. Zhur. mikrobiol. epid. i immun. 32 no.6:92-98 Je '61. (MIRA 15:5)

1. Iz otdela prirodnoochagovykh infektsiy Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR, otdelov Osobo opasnykh infektsiy Voronezhskoy, Leningradskoy, Moskovskoy, Smolenskoy, Stalingradskoy, Tambovskoy, Tul'skoy, oblastnykh sanitarno-epidemiologicheskikh stantsiy i Omskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(TULAREMIA) (VACCINES)

REPIN, R.S.

3  
✓ Effect in the motion of aerosol particles. Ya. I. Kogan and R. S. Repina, *Doklady Akad. Nauk S.S.R.*, 111, 851 (1960). In addn. to the vertical motion of aerosol particles in a smooth-walled vertical channel, assumed by a no. of authors and generally accepted, there is also a horizontal motion that increases the settling of particles on the walls when the aerosol moves downwards; and slows it down when the flow is in the reverse direction. The passage of 0.015-3.0  $\mu$  aerosol particles through a vertical glass capillary, 1000 mm. long,  $r = 0.2$  mm., at 1.0 and 0.5 cc./min. flow rates were detd. experimentally in correlation with the vertical flow direction. The concn. and dispersion of the aerosol before and after passing through the tube were analyzed by microanalysis of radiographs from the  $\alpha$ -radioactive aerosol (Leury, *C.A.*, 45, 8372a). The actual exptl. work showed that with small particles (0.015-0.3  $\mu$ ) the results confirmed the diffusional settling regardless of the flow direction; with larger particles ( $>0.1 \mu$ ) the path becomes very different: with a downward flow direction, the no. of particles passing through the capillary increase with an increase in the particle size; with an upward flow the reverse relation holds.  
W. M. Sternberg.

4E20.  
4E41

REPINA, S. P.

Roze, N. V., O stat'e S. P. Repina: Nekotorye svoistva podvetrennykh vordushnykh voln. [On S. P. Repina: some properties of leeward atmospheric waves.] *Meteorologiya i Gidrologiya*, Leningrad, No. 4:66, April 1956, eqs. Original article in *Ibid.*, No. 1, 1953. DWB, DLC—The author points out that in the above article the calculations on the movement of air masses on mountain ranges carried out by the method of A. A. DORODINYM contains errors. REPINA calculated the length of the wave as a function of temperature gradient without considering that the adiabatic temperature gradient depends upon the temperature gradient. *Subject Headings:* 1. Lee waves. 2. Temperature gradient. I. Repina, S. P.—I.L.D.

REPINA, T.A.

Perception by preschool children of the expressive aspect of a drawing and its influence on the attitude to the hero of the book.  
Vop. psichol. 6 no.5:115-124 S-O '60. (MIRA 13:11)

1. Institut psichologii APN RSFSR, Moskva.  
(Perception) (Learning, Psychology of)

REPINA, T.A.

Role of illustrations in preschool children's understanding  
of a literary text [with summary in English]. Vop.psichol. 5  
no.1:127-140 Ja-F '59. (MIRA 12:4)

1. Kafedra psichologii Moskovskogo universiteta.  
(Comprehension) (Education, Preschool)

SHCHERBINA, M.G.; STUKOVA, L.M.; STRUTSOVSKAYA, S.V.; REPINA, V.A.

Treatment of primary cancer of the vagina with radioactive cobalt  
with an evaluation of remote results. Med. rad. 5 no.9:67-70 S  
'60. (MIRA 13:12)

(VAGINA--CANCER)

(COBALT--ISOTOPES)

STUKOVA, I.M.; STRUTSOVSKAYA, S.V.; REFINA, V.A.

Clinical aspects and treatment of recurring cancer of the cervix  
uteri. Vop. onk. 10 no.10:46-51 '64. (MIR4 18:8)

1. Iz radigineklogicheskogo otdeleniya (zav. - kand.med.ruk A.A.  
Gabel'ev) TSentral'nego nauchno-issledovatel'skogo rentgenoradic-  
logicheskogo instituta Ministerstva zdravookhraneniya SSSR ( direktor -  
Ye.I.Vorob'yev).

CHEKHOVSKAYA, G.Yu.; REPINA, V.L.; NAZARETOV, M.B.

Effect of some factors on the coefficient of oil recovery.  
Trudy GrozNII no.10:103-110 '61. (MIRA 15:2)  
(Oil fields--Production methods)

CHEKHOVSKAYA, G.Yu.; REPINA, V.L.; NAZARETOV, M.B.

Using field data to determine the coefficient of oil recovery with  
water drive. Trudy GrozNII no.10:86-102 :61. (MIRA 15:2)  
(Oil fields--Production methods)

STUKOVA, I.M.; STRUTSOVSKAYA, S.V.; REPINA, V.A.; IUK'YANOV, V.P.

Treatment of radiation lesions of the skin and mucous membranes  
with chlorophyll-carotene ointment. Med. rad. & no.11:30-33  
(MTRF 17:12) N 63.

I. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta medi-  
tsinskoy radiologii Ministerstva zdravookhraneniya SSSR i Kar-  
fedry meditsinskoy radiologii Gosudarstvennogo instituta dlya  
usovershenstvovaniya vrachay im. Kirova.

ACCESSION NR: AP4003129

S/0241/63/008/011/0030/0033

AUTHOR: Stukova, L. M.; Strutsovskaya, S. V.; Repina, V. A.; Luk'yanov, V. P.

TITLE: Treatment of radiation injuries of the skin and mucous membranes with chlorophyll-carotene paste

SOURCE: Meditsinskaya radiologiya, v. 8, no. 11, 1963, 30-33

TOPIC TAGS: skin radiation injury, mucosa radiation injury, chlorophyll carotene paste, radiation injury therapy

ABSTRACT: In a clinical test 39 women and 6 men, ages 25-74 yrs, were treated with chlorophyll-carotene paste for radiation injuries of the skin and mucous membranes of the pelvis. The 19 patients with skin injuries were treated by direct application of the paste to the skin with bandages. The 26 patients with mucous membrane injuries (rectitis, cystitis, and colpitis) were treated by irrigation of injured sections with the paste dissolved in a 1% novocaine solution. Chlorophyll-carotene paste was found therapeutically effective in all cases. Length of treatment depended on extent of radiation injury.

Card 1/2

ACCESSION NR: AP4003129

For radiation skin injuries, the periods were 10 days for stage II and up to a year for stage III. For radiation mucous injuries, the periods were 5-10 days for first degree, 2 weeks-1½ mos for second degree, and 1-6 mos for third degree. Chlorophyll-carotene paste quickly clears the injured surface of necrotic stratifications and stimulates the development of granulation tissue and epithelialization which promotes healing. Orig. art. has: 2 figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii ministerstva zdravokhraneniya SSSR i kafedry meditsinskoy radiologii GIDUV (Central Scientific-Research Institute of Medical Radiology of the Ministry of Health SSSR and the Department of Medical Radiology of GIDUV)

SUBMITTED: 12Mar63 DATE ACQ: 20Dec63 ENCL: 00

SUB CODE: AM NO REF SOV: 004 OTHER: 000

Card 2/2

PETROV, V.A.; PALLADIYeva, N.M.; REPINA, V.A.; STUKOVA, L.M.;  
STRUTSOVSKAYA, S.V.

Example of estimating the focal and integral absorbed doses  
in combined radiotherapy of patients with cancer of the cervix  
uteri. Med. rad. 8 no.10:52-57 O '63. (MIRA 17:6)

1. Iz TSentral'nogo nauchno-issledovatel'skogo instituta  
meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR.

PETROV, V.P.; PUDOVKIN, N.N.; RODINA, V.A.; SOKOLOV, L.M.; STRELKOVSKAYA,  
S.Y.

Reduction of changes in the leukocyte count of the peripheral blood to the integral absorbed dose in combined radiotherapy of patients with cancer of the oral cavity. Preprint. No. 13. Institute of Radiobiology, USSR Academy of Sciences, Chernogolovka, 1983.

1. Iz tsentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva Zdorov'ya SSSR.

CHEKHOVSKAYA, G.Yu.; REPINA, V.L.

Some results of the use of geophysical methods in investigating and  
determining the parameters of strata. Trudy VIII no.29:150-155 '60.  
(MIRA 13:10)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.  
(Grozny Province--Oil well logging, Electric)

*C. C. 1/2 of 6. 6.*

USSR/Inorganic Chemistry - Complex Compounds

C.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4088

Author : Konarev, M.I., Panteleyeva, A.N., Repina, V.V.,  
Solovkin, A.S.

Title : On the Influence of the Nature of the Acid on the  
Composition of Freshly-Precipitated Zirconium Iodates

Orig Pub : Zh. neorgan. khimii, 1956, 1, No 3, 392-399

Abstract : A continuation (see RZhKhim, 1955, 5483, 23536, 26023)  
of the investigation of Zr iodates. From nitric-, hy-  
drochloric-, and perchloric acid solutions Zr was preci-  
pitated as  $Zr(OH)_3(I)$ ,  $Zr(OH)_2(Io_3)_2$  and

$Zr(OH)(Io_3)_3(II)$ . Fractional precipitation of individ-  
ual hydroxy-iodates is possible. The authors attribute  
the formation of precipitates of varying composition  
(from I to II) to the presence, in the solutions, of the  
ions  $Zr(OH)_3^+$ ,  $Zr(OH)_2^{2+}$  and  $Zr(OH)_3^+$ , with which  $Io_3^-$

Card 1/2

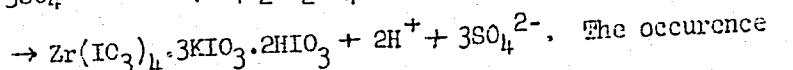
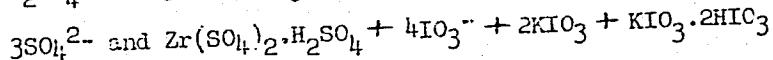
- 8 -

USSR/Inorganic Chemistry - Complex Compounds

C.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4088

reacts stepwise. Sulfuric acid solutions possess specific properties. From 0.25 N and less acidic solutions, the resulting precipitates are found to contain mixtures of I with basic sulfates, which are converted to I in the presence of large excess of the precipitating agent, while an increase of the concentration of the acid to 1 N, only I is found in the precipitate. From more acidic solutions are precipitated the iodates  $Zr(SO_4)_2$ .



The occurrence of ions  $ZrO_2^{2+}$  and  $Zr^{4+}$  in the solutions under study was not detected.

Card 2/2

- 9 -

REPNIKOV, V.A., inzh.

Automatizing the performance of pug mills. Ogneupory 18 no.3:131-137  
'53. (MIRA 11:10)

1.Zanilukskiy shamotnyy zaved.  
(Mixing machinery) (Automatic control)

ACCESSION NR: AP4042780

S/0020/64/157/003/0532/0535

AUTHOR: Repnikov, V. D.

TITLE: On uniform stabilization of the solution of the Cauchy problem for parabolic equations

SOURCE: AN SSSR. Doklady\*, v. 157, no. 3, 1964, 532-535

TOPIC TAGS: parabolic equation, Cauchy problem, Poisson equation, existence theorem .

ABSTRACT: The system of equations in question

$$\frac{\partial u}{\partial t} = \sum_{|k|=2b} A_k D^k u. \quad (1)$$

is parabolic in the sense of Petrovskiy and has coefficients that depend only on the time  $t$ . Here  $D^k$  stands for

1/3

ACCESSION NR: AP4042780

$$(-i)^k \frac{\partial^k}{\partial x_1^{k_1} \dots \partial x_n^{k_n}}, \quad k = k_1 + k_2 + \dots + k_n$$

and  $A_k$  is a square matrix with constant coefficient. The solution of this system can be constructed on the basis of a bounded measurable initial vector function

$$u(0, x) = u_0(x), \quad (4)$$

can be specified by means of a Poisson integral. The theorem proved reads: For uniform stabilization of the solution of the problem (1), (4), which can be represented by a Poisson integral, it is necessary and sufficient that the initial vector function  $u_0(x)$  have a uniform limiting mean value. The concepts of uniform stabilization and limiting mean value are defined. The sufficiency and necessity proofs can be extended to other parabolic systems.

"I am grateful to S. D. Eydel'man for suggesting the problem and for

2/3

ACCESSION NR: AP4042780

valuable hints during the course of its solution." Orig. art. has:  
7 formulas. Presented by Academician I. G. Petrovskiy.

ASSOCIATION: Voronezhskiy politekhnicheskiy institut (Voronezh  
Polytechnic Institute)

SUBMITTED: 21Jan64

ENCL: 00

SUB CODE: MA

NR REF SOV: 003

OTHER: 000

3/3

REPNIKOV, V.D.

Some theorems on the stabilization of the solution to Cauchy's  
problem for parabolic equations. Dokl. AN SSSR 148 no.3:527-  
530 Ja '53. (MIRA 16:2)

(Differential equations)

11.25.0  
S/020/63/148/003/007/037  
B112/B186

AUTHOR: Repnikov, V. D.

TITLE: Some theorems on stabilizing the solution of the Cauchy problem for parabolic equations

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 148, no. 3, 1963, 527-530

TEXT: Substantially, this study leads to the following result:

$\lim u(t, x) = 1$  holds uniformly in every finite domain of the space for the equation

$$\frac{\partial u}{\partial t} = \sum_{i,j=1}^n a_{ij}(t) \frac{\partial^2 u}{\partial x_i \partial x_j} + \sum_{i=1}^n b_i(t) \frac{\partial u}{\partial x_i} + c(t)u \quad (6).$$

if

Card 1/2

Some theorems on stabilizing the ...

S/020/63/148/003/007/037  
B112/B186

- 1)  $\lim_{t \rightarrow \infty} \bar{A}_{ij}(t) (\det A(t))^{1/n} = \alpha_{ij}$  ( $\alpha_{ij} \neq 0$ );  
2)  $\lim_{t \rightarrow \infty} \det A(t) = \infty$ ; 3)  $\lim_{t \rightarrow \infty} \frac{B_t(t)}{[\det A(t)]^{1/n}} = \beta_i$ ; 4)  $\lim_{t \rightarrow \infty} C(t) = \gamma$ ; 5)  $S_F^\infty(u_0) = t$ ,  
 $\bar{F}^2(x) = \sum_{i,j=1}^n \alpha_{ij}(x_i - \beta_i)(x_j - \beta_j) = c^2$ .

Here

$$A_{ij}(t) = \int_0^t a_{ij}(\tau) d\tau, \quad B_i(t) = \int_0^t b_i(\tau) d\tau, \quad C(t) = \int_0^t c(\tau) d\tau.$$

✓A

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet  
(Chernovtsy State University)

PRESENTED: August 1, 1962, by I. N. Vekua, Academician

SUBMITTED: July 30, 1962

Card 2/2

KRIVOSHEYEV, A.K., REPNIKOV, V.N.

Analyzing housing projects to be built with the aid of workers  
and employees. Trudy NPI 102:53-61 '59. (MIRA 13:?)  
(Apartment houses) (Construction industry--Costs)

AKHMEDZHANOVA, O.M., assistent; REPNIKOVA, A.N., assistent

Color perception in normal pregnancy and in toxemias. Nauch.  
trudy SamMI 23: 110-115 '63 (MIRAI7:3)

1. Iz kafedry glaznykh bolezney Samarkandskogo meditsinskogo  
instituta.

REPNIKOVA, A.M.

Change in the blind spot in glaucoma under the influence of time  
and situation as conditioned stimuli. Trudy Turk.nauch.-issl.  
trakh.inst. 6:117-121 '60.

(MIRA 15:11)

(GLAUCOMA)

(BLIND SPOT)

(CONDITIONED RESPONSE)

REPNIKOVA, A.M., kand. med. nauk; YUSUPOV, A.Yu., dotsent; MEDVEDEV, N.I., prof.

Differentiation of elastotonometric curves in glaucoma and in hypertension. Nauch. trudy Sam-MI 23:123-126 '63  
(MIRA 17:3)

Iz kliniki glaznykh bolezney Samarkandskogo meditsinskogo instituta i iz Leningradskoy gorodskoy glaznoy bol'nitsy.

BOL'SHOV, V.G.; DOBRETSOV, L.N.; ZHARINOV, A.A.; KRACHINO, T.V.;  
REPNIKOVA, M.K.

Emission properties of germanium treated in cesium vapor. Fiz.  
tver.tela 1 no.11:1768-1770 N '59. (MIRA 13:4)

1. Leningradskiy Fiziko-tehnicheskiy institut AN SSSR.  
(Germanium)

REPNIKOV, M.K.

REF ID: A47760  
66291  
SOV/86-1-11-26/27

Author, V. G., Dobretsov, L. N.,  
Barinov, I. A., Kachino, T. V., Repnikov, M. K.

Selected Properties of Germanium Treated in Gaseous Vapors

Periodical: Pisika i vysokaya tehnika, 1959, Vol. 1, No. 11, pp. 1768-1770 (USSR)

Abstract:

The thermal, photoelectric and secondary electron emission properties of monocrystalline n-germanium samples and germanium films were measured in the conventional way. For the germanium film the germanium was deposited by evaporation in vacuum on glass or a tantalum foil and the latter was subsequently treated in gaseous vapors. The experimental results are discussed for the germanium film deposited by evaporation on glass and subsequently processed, as described by 2 authors of this article, by annealing in the electrical oven of molybdenum. It is established that a change in volume of the layer, Figure 1, occurs in the dependence of the total work function  $\psi_T$  on the temperature of the cathode following a helium treatment at 800°C cathode temperature and at 150°C annealing instrument temperature. If the cathode is heated at 1500°C for a sufficiently long period after the helium processing and if the helium vapors are frozen out, one can

again obtain a  $\psi_T$  corresponding to the value of pure germanium. Figure 2 represents the characteristic spectrum distribution of 2 photoelectric elements, whose germanium photoelectric cathodes were treated in the following method: a) germanium was evaporated in a vacuum, precipitated on molybdenum glass, and treated with helium vapor. The temperature of the vapor and the sample was ~2200°C; b) The photoelectric cathode was illuminated through an interval glass mounted before the sample. Figure 3 contains the course of the secondary electron-emission coefficients ( $\beta_{sec}$ ) (measured at room temperature) for the following samples: a) annealed treated germanium, b) germanium treated at 150°C in helium vapor and for several minutes at a sample temperature of ~800°C. Figures 2 and 3 show that, disregarding a certain shift, the basic course of the curves is maintained for both samples. Additional details will be published in the near future. There are 3 figures.

ASSOCIATION:  
Card 2/3  
Leningradsky Tekhnicheskly Institut AF SSSR  
(Leningrad, Physico-technical Institute of the AS USSR)

KUZMINOV, N.P.; ABDULLAEV, R.A.; REPNIKOVA, Ye.V.

Slope stability in saturated loess soils of the Golodnaya Steppe. Mat. po proizv. sil. Uzb. no.15:166-178 '60.

(MIRA 14:8)

1. Institut vodnykh problem i gidrotekhniki AN Uzbekskoy SSR.  
(Golodnaya Steppe—Soil mechanics)

S/114/000/012/006/006  
E194/E955

AUTHOR: Repnin, M. I., Engineer  
TITLE: Recent work of KhTGZ imeni Kirov  
PERIODICAL: Energomashinostroyeniye, no.12, 1961, 48

TEXT: Preliminary boring of high-pressure turbine casings  
on a special boring equipment.

The casings of high-pressure steam turbines were previously bored in two halves on large boring mills. Now special boring equipment has been designed, for use with machine type ЛР-24 (LR-24). The cylinders are erected horizontally and the boring is carried out with a mechanised boring rod and disc driven by the boring head of the machine type LR-24.

Cutting large threads in casings with boring machines.  
In order to improve output and quality and to take the load off vertical boring mills, the cutting of large threads in casings was carried out on a horizontal boring machine. With the necessary gears and cutting tools, threads can be cut to class 2 accuracy.

Card 1/3

Recent work of KHTGZ ...

S/114/61/000/012/006/006  
E194/E955

Radial feed of the cutter is effected by a support fitted on the machine spindle.

Hydraulic testing of frame parts used in mechanical plugs.  
Hitherto parts have been sealed for high-pressure hydraulic testing by welded plugs which were cut out after use. In the new method the plugs are fixed mechanically, being held by circular grooves cut in the unions of the part under test. The lever arrangement of the plug ensures reliable fixing.

Machining of shells for rotating cement kilns.  
The shells are 5000 mm diameter and 2000 mm high, with wall thickness from 40 to 60 mm. The ends must be parallel to within 0.5 mm. The required accuracy is obtained by machining the parts with a single machine. Special mandrels are used to correct the

Card 2/3

5/104/31/316/032/006/160  
E194/2950

flexibility, which may be 100 mm on the diameter (maximum). A special support is also provided to enable the tool to follow accurately the curvature of the cylinder. There are no figures, drawings or references.

REPNIN, M.I., inzh.

Some of the new methods developed by the Kharkov Turbogenerator  
Plant named after Kirov. Energomashinostroenie 7 no.12:48 D  
'61. (MIRA 14:12)

(Turbines)

REPMIN, M.I., inzh.; VOL, L.A., inzh.

Method for setting the stator of a large hydraulic turbine on  
a vertical boring and turning mill. Energomashinostroenie 4  
no. 5:40-41 My '58. (MIRA 11:9)  
(Machine-shop practice)

OSIPOV, K.G.; REPNIN, V.B.

Industrial testing of drill drives with turbotransmissions.  
Neft.khoz. 36 no.10:14-22 O '58. (MIRA 11:12)  
(Oil well drilling--Equipment and supplies)

11(0)

SOV/93-58-10-4/19

AUTHOR: Osipov, K. G. and Repnin, V. B.

TITLE: Industrial Testing of a Drilling Rig Drive Equipped With Turbine Transmissions (Promyshlennoye ispytaniye burovogo privoda s turboperedachami)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 10, pp 14-22 (USSR)

ABSTRACT: The No. 4 Drilling Department of the Tuymazaburneft' Trust in co-operation with the Giproneftmash Institute tested a five-diesel drilling rig drive equipped with turbine transmissions. The 5D-Tp drive with the Tp2-300 transmissions were assembled from standard parts of the Uralmash 5D drive. The experimental unit consisting of V2-300A diesel engines, PM-500, PM-700, and PM-1070 pneumatic clutches, U2-4-5 winches, and U8-3 pumps is shown in (Fig. 1). The data on one of the drives tested on a Giproneftmash bench are shown in (Fig. 2). The results of the industrial experiments in an injection well drilled with T12M2-10" and T12M3-10" turbodrills are shown in (Figs. 3-10). The data on the pumps are given in Tables 1-2. The test units were equipped with turbine transformers since drives with turbine clutches had been tested by the Giproneftmash Institute for the Grozneft' and Tatneft' Associations. The tests of the 5D-Tp drive and the Tp-2-300 transmissions were not exhaustive,

Card 1/2

Industrial Testing of a Drilling Rig (Cont.)

sov/93-58-10-4/19

nevertheless they confirmed the theoretical assumptions on this subject presented in "Neftyanoye khozyaystvo", 1948, Nr 6, 1954, Nr 10, and 1957, Nr 12. The tests have shown that turbine transformers in drilling rig drives increase the mechanical rate of rig hoisting, the hydraulic power delivery to the pumps, and the drive efficiency in case of engine breakdown, and assure a complete and even diesel power output without engine control or synchronization. There are 10 figures and 2 tables.

Card 2/2

L 22140-65 EPF(n)-2/EWT(d)/EWP(1) Pg-4/Pk-4/P1-4/Po-4/Pq-4/Pu-4/Pae-2 SSD/ASDA-5  
AEDC(a)/AFMDC/AFETR/AFTC(p)/RAEMA/RAEMD/ESDD(p) IJP(c) WW/RH/BC  
ACCESSION NR: AP5001746 S/0302/64/000/004/0056/0059

AUTHOR: Dolinskaya, N. A.; Repinin, V. N.; Sobornikov, Yu. P.

TITLE: Device for comparing parameters with several set points *B*

SOURCE: Avtomatika i priborostroyeniye, no. 4, 1964, 56-59

TOPIC TAGS: automatic control, automatic control design, automatic control system, automatic control theory *9*

ABSTRACT: In digital systems of automatic industrial-process control, the current value of a process parameter is automatically compared with one or more set points. As existing synchronous comparison devices are too complicated, a new asynchronous device has been developed in which the code of each set point coincides, in the storage unit, with its numerical value. An additional indicant is introduced to identify the next-in-line set point of the same parameter. A functional diagram of the new device is briefly described. A 256-point laboratory

Card 1/2

L 22140-65

ACCESSION NR: AP5001746

hookup is reported to have been tested. Orig. art. has: 1 figure.

ASSOCIATION: Institut avtomatiki Goskomiteta po priborostroyeniyu Gosplana  
SSSR (Institute of Automation, State Committee on Measuring Instruments,  
Gosplan SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/2

KAGANER, M.G., kand. tekhn. nauk; KIEFWINA, T.G., inzh.

Degree of blackness of some metal surfaces at temperatures of  
+ 20°C and -183°C. Trudy VNIISKIMASH no.5:100-107 '62.

(MIRA 18:3)